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PTO/SB/05 (03-01)
Approved for .se through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION **TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

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Attorney Docket No.	10271-0		Total Pag	-	9
First Name	Identifier	8.			
Solomon R. LANGERMANN				<u> </u>	
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APPLICATION ELEMENTS See MPEP chapter 600 concerning utility patent application contents.				Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231				
☐ Fee Transmittal Form Submit an original, and a duplicate for fee processing)			7.	7. ⊠ CD-ROM or CD-R in «uplicate, large table or Computer Program (Appendix)				
	cant claims Small Entity status, see 37 C.F.R. § 1.27			Nucleotide and/or Am no Acid Sequence Submission (if applicable, all nece ssary)				
⊠ Specific	ation	[Total Pages <u>143</u>]		a.	☑ Computer Reada	r e Copy		
-Descrip	ed arrangement set forth below) of the Invention			b.	☑ Paper Copy (iden	l cal to compute	er copy)	
	Reference to Related Application:							
-Statem	ent Regarding Fed sponsored Ra	&D		C.	Statement verifying	r j identity of ab	ove copies	
📥 -Refere	nce to Microfiche Appendix		_			•		
-Backgr	ound of the Invention			ACCOMPANYING APPLICATION PARTS				
-Brief S	ummary of the Invention		-					
-Brief D	escription of the Drawings (if filed	1)	g). □	Assignment Papers	(:over sheet & c	locument(s))	
-Detaile	d Description of the Invention (in	cluding drawings, if filed)	"	•		,		
-Claim(10). 🗆	37 CFR 3.73(b) State	e ment	☐ Power of Attorney	
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4	g(s) (35 USC 113)	[Total Sheets 36]	11	ı. 🗆	English Translation I	coument (if app	olicable)	
ž.,	Declaration	[Total Sheets 2]	12	2. 🗆	Information Disclosu (IDS)/PTO-1449	ı:∋ Statement	☐ Copies of IDS Citations	
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Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 19 completed)		\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7	(Should be specifical	•	-,		
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_			15	5. ⊔	Certified Copy of Pri	ic rity Document((S)	
i. ☐ <u>DELETION OF INVENTORS(S)</u>					(if foreign priority	s claimea)		
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33 (b).		16	6. □	Nonpublication Requ Applicant must attack	u est under 35 U or, form PTO/SB	.S.C 122 (b)(2)(i). /35 or it's equivalent		
Application Data Sheet. See 37 CFR 1.76			1	7. 🗆	Other:			
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Express Mail No.: EL 477 032 527 US

PENNIE & EDMONDS LLP

COUNSELLORS AT LAW 1155 Avenue of Americas New York, N.Y. 10036-2711

ATTORNEY DOCKET NO. 10271-037-999

Date: December 10, 2001

Assistant Commissioner for Patents **Box PATENT APPLICATION** Washington, D.C. 20231

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Solomon R. Langermann; Scott J. Hultgren; Chia-Suei Executed on: Unexecuted

Hung; and Julie Bouckaert

Title of Invention:

Mutant Proteins, High Potency Antibodies, and FimCH Crystal Structure

PATENT APPLICATION FEE VALUE

TYPE	NO. FILED	LESS	EXTRA	EXTRA RA' E	FEE	
Total Claims	32	-20	12	\$18.00 eac	\$	216.00
u l ≊Independent	7	-3	4	\$84.00 eac	\$	336.00
	Minimum Fee					740.00
rak.		Multiple Dependency Fee If Applicable (\$280.00)				
Carlotte Car	Total				\$	1,562.00
<i>a</i>	Applicant qualifies for the 50% Reduction for Independen Inventor, Nonprofit Organization or Small Business Conct α					0.00
Total Filing Fee					\$	1,562,00

- DO NOT PUBLISH. I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilater: I agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).
- Priority of application nos. 60/254,353 filed on December 8, 2000 and 60/301,878 filed on June 29, 2001 is \boxtimes claimed under 35 U.S.C. § 119.
- The certified copy of the priority application has been filed in application no. file I
- Amend the specification by inserting before the first line the following sentence: This is a continuation-in-part of application no. filed.

Please charge the required fee to Pennie & Edmonds LLP Deposit Account No. 16-150. A copy of this sheet is

enclosed.

Enclosure

Respectfully submitted,

Anthony M. Insogna

PENNIE & EDMONDS LLP

This form is not for use with continuation, divisional, re-issue, design or plant pater tapplications.

Express Mail No. El. 477 032 527 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of: Langermann et al.

Application No.: To be Assigned

Art Unit: Not Yet Assigned

Filed: On Even Date Herewith

Examiner: Not Yet Assigned

For:

Mutant Proteins, High Potency Inhibitory

Atty Docket No.: 1(271-037

Antibodies, and FimCH Crystal Structure

TRANSMITTAL OF SEQUENCE LISTING

Assistant Commissioner for Patents Washington, DC 20231

SIR:

In connection with the above-identified application, and in a cordance with 37 C.F.R. § 1.821, Applicant submits herewith a Sequence Listing in paper and computer-readable format pursuant to 37 C.F.R. § 1.821(c) and (e).

I hereby state that the content of the paper and computer-reac able copies of the Sequence Listing, submitted in accordance with 37 C.F.R. § 1.821(c) and (e), respectively, are the same. I hereby state that the submission herein under 37 C.F.R. §1.821(g) does not include new matter.

Respectfully submitted,

Date

December 10, 2001

Anthony M. Insogna

1155 Avenue of the Americas

New York, New York 10036-2711

(212) 790-9090

Enclosures

Express Mail No. <u>I</u> <u>L 477 032 527 US</u>

IN THE UNITED STATES PATENT AND TRADEMARK ()FFICE

Application of: Langermann et al.

Application No.: To be Assigned

Art Unit: Not Yet Assigned

Filed: On Even Date Herewith

Examiner: Not Yet Assigned

For:

Mutant Proteins, High Potency Inhibitory

Antibodies, and FimCH Crystal Structure

Atty Docket No.: 1)271-037

TRANSMITTAL OF TABLES ON CD-ROM

Assistant Commissioner for Patents Washington, DC 20231

SIR:

In connection with the above-identified application, and in a cordance with 37 C.F.R. § 1.58, Applicant submits herewith two tables in computer-reads ble format pursuant to 37 C.F.R. § 1.52(e) and §1.58.

I hereby state that the content of 'Copy 1' and 'Copy 2' of the CD-ROM in computer-readable format, submitted in accordance with 37 C.F.R. § 1.52(c) and §1.58, are the same.

Respectfully submitted,

Date

December 10, 2001

1155 Avenue of the Americas

New York, New York 10036-2711

(212) 790-9090

Enclosures